UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/724,720	12/02/2003	Takaichi Kato	031299	2206

23850   7590   07/25/2007
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EXAMINER
RAMPURIA, SATISH

ART UNIT	PAPER NUMBER
2191	

MAIL DATE	DELIVERY MODE
07/25/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)
Office Action Summary	10/724,720	KATO, TAKAICHI
	Examiner	**Art Unit**	
	Satish S. Rampuria	2191	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _06 June 2007_.

2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-6_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-6_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

Response to Amendment

1.   This action is in response to the amendment filed on 06/06/2007.

2.   The rejections under 35 U.S.C. §112 second paragraph to claim 1-6 is withdrawn

in view of Applicant's amendment/comment.

3.   Claims amended by the applicants: 1.

4.   Claims 1-6 are pending.

Response to Arguments

5.   Applicant's arguments filed 06/06/2007 have been fully considered but they are

not persuasive.

In the remarks, the applicant has argued that:

The Examiner cites paragraphs [0012] and [0023] of Staff et al. as disclosing the

template of the present invention. Applicant respectfully disagrees. Staff et al. fails to

disclose a template having a selection area, a plurality of input areas, and a command

button according to the present invention. More specifically, paragraph [0023] of Staff et

al. does not disclose screen layout like the template of the present invention having a

plurality of selecting areas. Further, paragraph [0023] fails to disclose the plurality of

command terms indicated in a natural language. Paragraph [0012] of Staff et al. also

fails to disclose the screen layout. Therefore, paragraph [0012] does not disclose the

input areas and the command button of the present invention.

Examiner's response:

In response to Applicants argument Stapp discloses a method and apparatus for generating source code for computer programs. The method in the invention provides a set of tasks that are carried out to transform data in successive steps of data conversion. For example, a <u>user</u> may enter a set of data rules using a first specification language to describe a desired computer program. The invention provides a method to apply a suite of transformations to data resulting in the generation of source code capable of running in specific environments. The invention provides means for generating source code for whole new software applications, and for integrating newly generated source with existing projects and environments (paragraph [0008]). Stapp specifically discloses the limitations as argued by the Applicants. Stapp discloses template (paragraph [0023] "invention also provides <u>users</u> with a means to modify and add templates for generating code. By modifying and/or adding templates, programmers are enabled with the capability to modify the behavior of the source generating modules"), Stapp discloses a template having a selection area (paragraph [0012] "When input data arrives at the code generation component's data input...output of the pipeline is the source code files that are the result of successive transformations allowing <u>user</u> input to be checked for integrity and all class components generated"), a plurality of input areas (paragraph [0012] "When input data arrives at the code generation component's data input, data is processed by one filter then passed through to the next filter"), and a command button (paragraph [0012] "When input data arrives at the code generation component's data input...output of the pipeline is the source code files that are the result of successive transformations allowing <u>user</u> input to be checked for

integrity and all class components generated"). More specifically, Stapp discloses

screen layout like the template of the present invention having a plurality of selecting

areas (paragraph [0073] "the EJB type displayed to the <u>user</u> with a named set of

templates. The set of templates contains rules for transforming the XML data into the

specific type of source code that will be generated"). Applicants only make general

allegations. Therefore the rejection is proper and maintained herein.

Further, with respect Aplicants argument that Stapp does not disclose strorage

device. However, after doing word search examiner found plenty of places wherer

Stapp disclosed stored (e.g., paragraph [0005,0035,0039] etc).

Claim Rejections - 35 USC § 102

6.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102

that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --
(e) the invention was described in (1) an application for patent, published under section 122(b), by another
filed in the United States before the invention by the applicant for patent or (2) a patent granted on an
application for patent by another filed in the United States before the invention by the applicant for patent,
except that an international application filed under the treaty defined in section 351(a) shall have the effects
for purposes of this subsection of an application filed in the United States only if the international application
designated the United States and was published under Article 21(2) of such treaty in the English language.

7.   Claims 1-6 are rejected under 35 U.S.C. 102(e) as being anticipated by US

Patent No. 2004/0015832 to Stapp et al. (hereinafter, Stapp).

Per claim 1:

Stapp disclose:

1. An apparatus for aiding in generating a source code including a plurality of

statements comprising:

a storage device storing a plurality of templates corresponding to said plurality of

statements (paragraph [0021] "invention uses a pre-defined data structure to hold the

input data that the code-generation component requires"), said plurality of templates

each including a selection area having a plurality of command terms indicated in a

natural language for generating said statement (paragraph [0023] "invention also

provides users with a means to modify and add templates for generating code. By

modifying and/or adding templates, programmers are enabled with the capability to

modify the behavior of the source generating modules"), a plurality of input areas for

receiving a parameter for generating said statement (paragraph [0012] "When input

data arrives at the code generation component's data input, data is processed by one

filter then passed through to the next filter"), and a command button selectable by a

user for producing the source code for said statement (paragraph [0012] "When input

data arrives at the code generation component's data input…output of the pipeline is the

source code files that are the result of successive transformations allowing user input to

be checked for integrity and all class components generated"); a display displaying a

template selected by the user among said plurality of templates (paragraph [0073] "the

EJB type displayed to the user with a named set of templates. The set of templates

contains rules for transforming the XML data into the specific type of source code that

will be generated");

a determiner determining whether or not the user has selected a command term

necessary for generating a desired statement in said selection area and input a

necessary parameter for generating the desired statement to said input area when said

command button in said displayed template is selected by said user (paragraph [0089]

"A component 522 (AgoTemplateSelector) uses the XML input data to choose the

appropriate XSLT template for code generation, based on the given input data"); and

a generator generating the source code for said desired statement based on said

selected command term and said input parameter when said determiner determines

that said necessary command term has been selected and said necessary parameter

has been input (paragraph [0089] "The code generator will use different templates

depending upon a number of input parameters, such as whether the target EJB is an

entity or session bean, and even possibly if it's a stateless or stateful session EJB, or

bean- or container-managed entity EJB"),

said display means displaying the source code generated by said generator (paragraph

[0073] "the EJB type displayed to the user with a named set of templates. The set of

templates contains rules for transforming the XML data into the specific type of source

code that will be generated").

Per claim 2:

The rejection of claim 1 is incorporated and further, Stapp disclose:

2. The apparatus according to claim 1, wherein said plurality of input areas correspond

to said plurality of command terms (paragraph [0012] "When input data arrives at the

code generation component's data input...output of the pipeline is the source code files

that are the result of successive transformations allowing <u>user</u> input to be checked for

integrity and all class components generated"), and said determiner means determines

whether or not a parameter has been input to the input area corresponding to the

selected command term (paragraph [0089] "A component 522 (AgoTemplateSelector)

uses the XML <u>input</u> data to choose the appropriate XSLT template for <u>code generation,</u>

<u>based</u> on the given <u>input</u> data").

Per claim 3:

The rejection of claim 2 is incorporated and further, Stapp disclose:

3. The apparatus according to claim 2, further comprising a communicator notifying the

user of the need to input a parameter to the input area corresponding to a command

term selected among a plurality of command terms in said selection area (paragraph

[0010] "The components are capable of being accessed programmatically through other

code or through a graphical <u>user</u> interface").

Per claim 4:

The rejection of claim 2 is incorporated and further, Stapp disclose:

4. The apparatus according to claim 2, wherein said plurality of statements include a

plurality of command codes (paragraph [0012] "When input data arrives at the code

generation component's data input, data is processed by one filter then passed through

to the next filter"),

said plurality of command terms correspond to the plurality of command codes

(paragraph [0082] "The pipeline assembler examines the configuration data, and

determines the appropriate pipeline configuration"), said storage device further stores a

translation table having said plurality of command codes corresponding to said plurality

of templates (paragraph [0082] "The pipeline assembler examines the configuration

data, and determines the appropriate pipeline configuration in step 320 using a lookup

table that stores information about filters and pipes"), said apparatus further comprising:

a template selector selecting the template corresponding to said command code in the

statement selected in the source code displayed at said display based on said

translation table (paragraph [0087] "CodeGenerationTemplates (holds the appropriate

XSLT templates for the current input data) and paragraph [0088] "It uses a table-driven

mechanism to select and instantiate the specific Filters needed for a code generation

task");

a term selector selecting the command term corresponding to said command code in

the selection area in the selected template (paragraph [0089] "A component 522

(AgoTemplateSelector) uses the XML input data to choose the appropriate XSLT

template for code generation, based on the given input data"); and

a parameter provider providing a parameter in the selected statement to the input area

corresponding to the selected command term (paragraph [0089] "The code generator

will use different templates depending upon a number of input parameters, such as

whether the target EJB is an entity or session bean, and even possibly if it's a stateless

or stateful session EJB, or bean- or container-managed entity EJB"),

after said term selector selects the command term, and the parameter provider provides the parameter, said display displaying the template selected by said template selector (paragraph [0089] "An embodiment of the invention uses a simple table lookup; wherein users can add to the table's metadata to include their own templates and selection criteria").

Claim 5 is the program product claim corresponding to apparatus claim 1 and rejected under the same rational set forth in connection with the rejection of claim 1, above.

Claim 6 is the apparatus claim corresponding to apparatus claim 1 and rejected under the same rational set forth in connection with the rejection of claim 1, above.

Conclusion

8.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
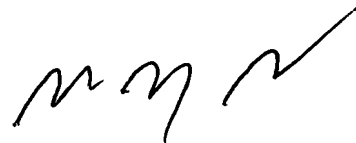
Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Satish S. Rampuria** whose telephone number is **(571) 272-3732**. The examiner can normally be reached on **8:30 am to 5:00 pm** Monday to Friday except every other Friday and Wednesday and federal holidays. Any inquiry of a general nature or relating to the status of this application should be directed to the **TC 2100 Group receptionist: 571-272-2100.**

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Wei Y. Zhen** can be reached on **(571) 272-3708**. The fax phone number for the organization where this application or proceeding is assigned is **571-273-8300**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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